

LB 136043

Test results

Aquakem 7.2AQ1

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CHEMTECH CONSULTING GROUP INC
284 Sheffield Street, Mountainside, NJ 07092

Reviewed by : 12

Instrument ID : Konelab

6/6/2025 14:49

Test: TKN-NH3

Sample Id	Result	Dil. 1 +	Response	Errors
ICV1	4.723	0.0	1.015	
ICB1	0.150	0.0	0.038	
CCV1	4.696	0.0	1.009	
CCB1	0.160	0.0	0.040	
RL CHECK	0.517	0.0	0.116	
PB168327BL	0.156	0.0	0.039	
PB168327BS	4.840	0.0	1.040	
Q2085-04	7.086	0.0	1.520	
Q2085-04DUP	7.379	0.0	1.583	
Q2085-04MS	11.284	0.0	2.417	Test limit high
Q2085-04MSD	11.873	0.0	2.543	Init abs., Test limit hig
Q2126-01	0.317	0.0	0.074	
Q2126-02	0.549	0.0	0.123	
PB168332BL	0.178	0.0	0.044	
CCV2	4.615	0.0	0.992	
CCB2	0.137	0.0	0.035	
PB168332BS	4.659	0.0	1.001	
Q2126-07	0.315	0.0	0.073	
Q2126-08	0.564	0.0	0.126	
CCV3	4.850	0.0	1.042	
CCB3	0.148	0.0	0.038	

N 21
Mean 3.295
SD 3.7449
CV% 113.66

Aquakem v. 7.2AQ1

Results from time period:

Fri Jun 06 13:02:20 2025

Fri Jun 06 14:46:29 2025

Sample Id	Sam/Ctr/c/	Test short r	Test type	Result	Result unit	Result date and time	Stat
0.0PPM	A	TKN-NH3	P	0.1041	mg/l	6/6/2025 13:02:20	
0.5PPM	A	TKN-NH3	P	0.5215	mg/l	6/6/2025 13:02:21	
1.0PPM	A	TKN-NH3	P	0.9814	mg/l	6/6/2025 13:02:22	
2.5PPM	A	TKN-NH3	P	2.4148	mg/l	6/6/2025 13:02:23	
5.0PPM	A	TKN-NH3	P	4.9194	mg/l	6/6/2025 13:02:24	
6.7PPM	A	TKN-NH3	P	6.6559	mg/l	6/6/2025 13:02:25	
10.0PPM	A	TKN-NH3	P	10.0696	mg/l	6/6/2025 13:02:26	
ICV1	S	TKN-NH3	P	4.7228	mg/l	6/6/2025 14:29:05	
ICB1	S	TKN-NH3	P	0.1503	mg/l	6/6/2025 14:29:08	
CCV1	S	TKN-NH3	P	4.6963	mg/l	6/6/2025 14:29:09	
CCB1	S	TKN-NH3	P	0.1598	mg/l	6/6/2025 14:29:11	
RL CHECK	S	TKN-NH3	P	0.5172	mg/l	6/6/2025 14:29:13	
PB168327BL	S	TKN-NH3	P	0.1556	mg/l	6/6/2025 14:29:14	
PB168327BS	S	TKN-NH3	P	4.8397	mg/l	6/6/2025 14:29:15	
Q2085-04	S	TKN-NH3	P	7.0859	mg/l	6/6/2025 14:29:16	
Q2085-04DUP	S	TKN-NH3	P	7.3787	mg/l	6/6/2025 14:39:46	
Q2085-04MS	S	TKN-NH3	P	11.2841	mg/l	6/6/2025 14:39:47	
Q2085-04MSD	S	TKN-NH3	P	11.8728	mg/l	6/6/2025 14:39:48	
Q2126-01	S	TKN-NH3	P	0.3174	mg/l	6/6/2025 14:39:50	
Q2126-02	S	TKN-NH3	P	0.5487	mg/l	6/6/2025 14:39:52	
PB168332BL	S	TKN-NH3	P	0.1778	mg/l	6/6/2025 14:39:53	
CCV2	S	TKN-NH3	P	4.6146	mg/l	6/6/2025 14:39:54	
CCB2	S	TKN-NH3	P	0.1369	mg/l	6/6/2025 14:39:55	
PB168332BS	S	TKN-NH3	P	4.6587	mg/l	6/6/2025 14:39:56	
Q2126-07	S	TKN-NH3	P	0.3148	mg/l	6/6/2025 14:39:57	
Q2126-08	S	TKN-NH3	P	0.5637	mg/l	6/6/2025 14:46:25	
CCV3	S	TKN-NH3	P	4.8495	mg/l	6/6/2025 14:46:27	
CCB3	S	TKN-NH3	P	0.148	mg/l	6/6/2025 14:46:28	

Calibration results

Aquakem 7.2AQ1

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Instrument ID : Konelab

6/6/2025 13:06

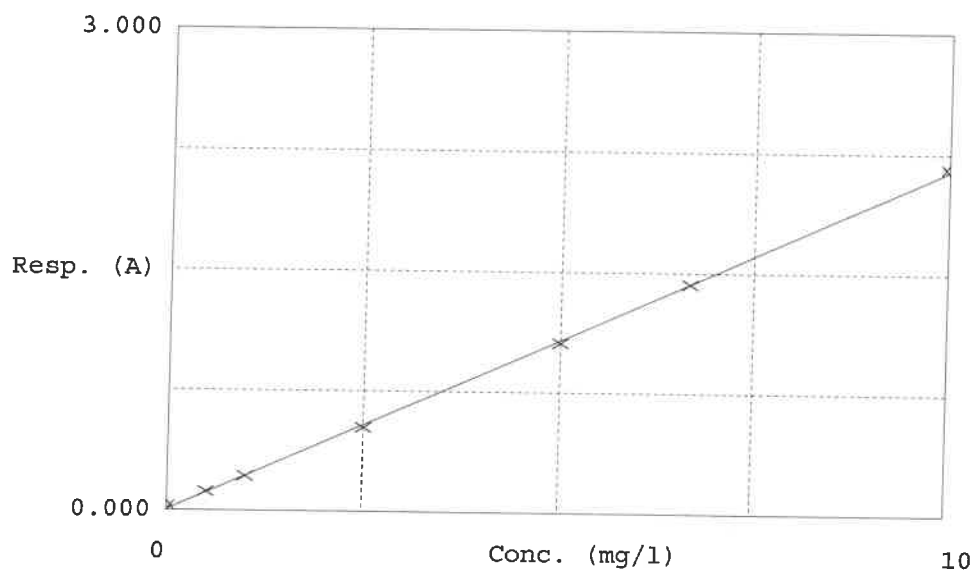
Test TKN-NH3

Accepted 6/6/2025 13:06

Factor 4.68
Bias 0.006

Coeff. of det. 0.999633

Errors



	Calibrator	Response	Calc. con.	Conc.	Errors
1	0.00PPM	0.028	0.1041	0.0000	~
2	TKN-10	0.117	0.5215	0.5000	4.3
3	TKN-10	0.216	0.9814	1.0000	-1.2
4	TKN-10	0.522	2.4148	2.5000	-3.4
5	TKN-10	1.057	4.9194	5.0000	-1.6
6	TKN-10	1.428	6.6559	6.6667	-0.7
7	TKN-10	2.158	10.0696	10.0000	0.7

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6/6/25